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(54) **Process for producing ketoximes.**

(57) The invention relates to a process of producing ketoximes, characterized in that a secondary alcohol, corresponding to the desired ketoxime, is partially oxidated in the liquid phase with O_2 , an oxidated mixture being thereby formed, which contains an excess of unreacted alcohol, the ketone corresponding to said alcohol, and H_2O_2 , and that said oxidated mixture is directly reacted with NH_3 in the liquid phase (without isolating the alcohol, the ketone and H_2O_2) in the presence of an ammoximation catalyst.

EP 0 301 486 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 88112060.4
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
D, P, A	<u>EP - A1 - 0 267 362</u> (MONTEDIPE) * Claims 1, 6, 9, 10, 11, 14 *	1, 5, 9, 10	C 07 C 131/04
D, A	<u>EP - A2 - 0 208 311</u> (MONTEDIPE) * Abstract *	1	
D, A	<u>US - A - 4 480 135</u> (ANTONIO ESPOSITO et al.) * Abstract *	1	
A	<u>US - A - 4 281 194</u> (JOHN N. ARMOR et al.) * Abstract *	1	
A	<u>EP - A1 - 0 004 676</u> (ALLIED CHEMICAL) * Abstract *	1	
A	<u>DE - B - 1 568 504</u> (FARBENFABRIKEN BAYER) * Claim *	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	<u>DE - B - 1 277 252</u> (TOA GOSEI CHEMICAL) * Claim *	1	C 07 C 131/00
D, A	<u>GB - A - 1 113 687</u> (DISTILLERS COMPANY) * Page 1, lines 1-42 *	1	
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 31-08-1989	Examiner REIF
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	